Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
Data File : BG042890.D
Acq On : 18 Sep 2019 12:28
Operator : HP/JU
Sample : K4918-12MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-12MSD

Manual Integrations APPROVED
Jagrut
9/19/2019 10:48:07 AM

Quant Time: Sep 19 02:29:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56284	20.00	ng	-0.03
21) Naphthalene-d8	10.91	136	238390	20.00	ng	-0.03
39) Acenaphthene-d10	14.72	164	190248	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	452974	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	416969	20.00	ng	-0.02
87) Perylene-d12	25.00	264	443183	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	349017	107.81	ng	0.00
7) Phenol-d6	7.29	99	559238	120.35	ng	0.02
23) Nitrobenzene-d5	9.26	82	353035	77.10	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	300599	118.76	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	833516	69.35	ng	-0.03
79) Terphenyl-d14	20.07	244	1398722	74.35	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	40243	27.237	ng	# 89
3) Pyridine	4.00	79	106795	24.007	ng	89
4) n-Nitrosodimethylamine	3.90	42	83151	38.414	ng	83
6) Aniline	7.44	93	81866	13.058	ng	100
8) 2-Chlorophenol	7.68	128	150568	43.026	ng	97
9) Benzaldehyde	7.24	77	91783	30.353	ng	93
10) Phenol	7.31	94	217919	45.729	ng	92
11) bis(2-Chloroethyl)ether	7.52	93	136045	37.198	ng	100
12) 1,3-Dichlorobenzene	7.99	146	156480	36.661	ng	96
13) 1,4-Dichlorobenzene	8.14	146	154699	36.202	ng	98
14) 1,2-Dichlorobenzene	8.46	146	148713	36.559	ng	99
15) Benzyl Alcohol	8.35	79	161080	40.393	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	303353	37.771	ng	99
17) 2-Methylphenol	8.56	107	139330	43.703	ng	95
18) Hexachloroethane	9.19	117	57885	36.691	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	128227	37.449	ng	96
20) 3+4-Methylphenols	8.89	107	191709	43.622	ng	98
22) Acetophenone	8.93	105	229323	38.090	ng	95
24) Nitrobenzene	9.30	77	196163	40.814	ng	98
25) Isophorone	9.85	82	356299	37.331	ng	99
26) 2-Nitrophenol	10.02	139	88830	47.001	ng	# 90
27) 2,4-Dimethylphenol	10.09	122	148750	44.494	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	195746	36.776	ng	99
29) 2,4-Dichlorophenol	10.56	162	173824	44.743	ng	96
30) 1,2,4-Trichlorobenzene	10.77	180	186275	39.272	ng	97
31) Naphthalene	10.96	128	471377	40.049	ng	98
32) Benzoic acid	10.24	122	98436	37.845	ng	95
33) 4-Chloroaniline	11.07	127	39024	7.094	ng	97
34) Hexachlorobutadiene	11.24	225	131675	39.622	ng	94
35) Caprolactam	11.90	113	56427m	39.058	ng	
36) 4-Chloro-3-methylphenol	12.20	107	193125	45.784	ng	94
37) 2-Methylnaphthalene	12.55	142	371710	42.159	ng	97
38) 1-Methylnaphthalene	12.77	142	351315	42.484	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	246268	39.173	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	347018	96.355	ng		97
43) 2,4,6-Trichlorophenol	13.16	196	173085	41.355	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	180386	42.077	ng		96
46) 1,1'-Biphenyl	13.56	154	526159	39.506	ng		98
47) 2-Chloronaphthalene	13.60	162	407089	36.949	ng		97
48) 2-Nitroaniline	13.81	65	154414	40.402	ng		98
49) Acenaphthylene	14.45	152	666185	39.568	ng		98
50) Dimethylphthalate	14.18	163	665239	46.677	ng		99
51) 2,6-Dinitrotoluene	14.29	165	125219	42.819	ng		96
52) Acenaphthene	14.79	154	400300	36.393	ng		96
53) 3-Nitroaniline	14.63	138	45551	13.879	ng		99
54) 2,4-Dinitrophenol	14.82	184	102310	71.067	ng	#	71
55) Dibenzofuran	15.12	168	653604	39.978	ng		98
56) 4-Nitrophenol	14.95	139	192782	75.968	ng		89
57) 2,4-Dinitrotoluene	15.07	165	178997	45.921	ng	#	95
58) Fluorene	15.77	166	548121	40.453	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	188062	45.253	ng		99
60) Diethylphthalate	15.54	149	548572	37.919	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	318244	39.724	ng		97
62) 4-Nitroaniline	15.79	138	127884	36.148	ng		85
63) Azobenzene	16.05	77	543155	38.989	ng		98
65) 4,6-Dinitro-2-methylphenol	15.84	198	101631	52.436	ng		92
66) n-Nitrosodiphenylamine	15.97	169	493760	40.508	ng		97
67) 4-Bromophenyl-phenylether	16.65	248	221759	40.447	ng		98
68) Hexachlorobenzene	16.77	284	226822	38.717	ng		98
69) Atrazine	16.93	200	190548	44.891	ng		99
70) Pentachlorophenol	17.12	266	279670	80.472	ng		93
71) Phenanthrene	17.51	178	890474	41.106	ng		99
72) Anthracene	17.59	178	900657	41.615	ng		99
73) Carbazole	17.87	167	811030	39.427	ng		99
74) Di-n-butylphthalate	18.42	149	917981	37.254	ng		99
75) Fluoranthene	19.51	202	1108826	39.494	ng		98
77) Benzidine	19.69	184	241148	20.700	ng		98
78) Pyrene	19.87	202	1118274	42.838	ng		99
80) Butylbenzylphthalate	20.76	149	397267	37.602	ng		98
81) Benzo(a)anthracene	21.72	228	1061153	40.026	ng		98
82) 3,3'-Dichlorobenzidine	21.63	252	160782	15.606	ng		95
83) Chrysene	21.78	228	1020499	40.637	ng		100
84) Bis(2-ethylhexyl)phthalate	21.63	149	537729	37.250	ng		99
85) Di-n-octyl phthalate	22.87	149	871123	35.398	ng		99
86) Indeno(1,2,3-cd)pyrene	28.72	276	1105430	35.546	ng	#	90
88) Benzo(b)fluoranthene	23.96	252	1050398	40.365	ng	#	97
89) Benzo(k)fluoranthene	24.03	252	994457	40.455	ng		98
90) Benzo(a)pyrene	24.85	252	1002572	41.145	ng	#	98
91) Dibenzo(a,h)anthracene	28.78	278	927374	38.696	ng	#	97
92) Benzo(g,h,i)perylene	29.88	276	940266	40.223	ng	#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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